

Title (en)  
LINEAR CONTAMINANT REMEDIATION SYSTEM.

Title (de)  
LINEARES SYSTEM ZUR SANIERUNG VON VERUNREINIGUNGEN.

Title (fr)  
SYSTEME LINEAIRE DE TRAITEMENT DE CONTAMINANTS.

Publication  
**EP 0640001 A1 19950301 (EN)**

Application  
**EP 93911177 A 19930513**

Priority  
• US 9304376 W 19930513  
• US 88222892 A 19920513

Abstract (en)  
[origin: US5252226A] A series of horizontally extending drainage pipes forming a grid system are located at or below the level of a plume of liquid contamination. The drainage recovery pipes skim off the surface of the water table, along with the plume of contamination. This minimizes the time required for removal of water that needs to be pumped from the ground and cleaned. Once the contaminant is pumped from the ground, it is delivered to a conventional treatment system where it is cleaned and then the cleaned water is returned back to the ground water table. This cleaned water is reintroduced over the grid system and is drawn through the soil to flush out any remaining contaminants in the soil. Once the treated water reaches the water table, the liquid contaminants are usually less dense than water and rise towards the surface of the water table. The contaminants are then removed by the grid system for treatment.

IPC 1-7  
**B01D 17/12**

IPC 8 full level  
**B01D 17/12** (2006.01); **B09C 1/00** (2006.01); **B09C 1/02** (2006.01); **E21B 43/30** (2006.01); **E21B 43/40** (2006.01)

CPC (source: EP US)  
**B09C 1/002** (2013.01 - EP US); **B09C 1/007** (2013.01 - EP US); **B09C 1/02** (2013.01 - EP US); **E21B 43/305** (2013.01 - EP US); **B09C 2101/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 5252226 A 19931012**; AT E156379 T1 19970815; AU 4240793 A 19931213; AU 674319 B2 19961219; DE 69312934 D1 19970911; DE 69312934 T2 19980129; EP 0640001 A1 19950301; EP 0640001 A4 19960515; EP 0640001 B1 19970806; NZ 252566 A 19980427; WO 9323134 A1 19931125

DOCDB simple family (application)  
**US 88222892 A 19920513**; AT 93911177 T 19930513; AU 4240793 A 19930513; DE 69312934 T 19930513; EP 93911177 A 19930513; NZ 25256693 A 19930513; US 9304376 W 19930513